Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8DL

Manual Integrations APPROVED
mohammad
3/13/2017 3:34:53 PM

Quant Time: Mar 13 12:28:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	86790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	388416	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	221442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	515691	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	567002	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	544868	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	759	0.38	ng/uL	0.00
5) Phenol-d5	7.22	99	22200	3.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	16481	4.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	17433	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	15767	3.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	9847	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7040	3.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	15897	3.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	210	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	14.06	166	57126	3.97	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	80723	4.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	3811	1.34	ng/ul	0.00
57) Fluorene-d10	15.65	176	60753	4.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	2007	0.83	ng/ul	0.00
70) Anthracene-d10	17.49	188	95008m	4.06	ng/ul	0.00
78) Pyrene-d10	19.77	212	105634	4.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	92865	3.87	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	97295	5.14	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	17031	1.20	ng/ul	93
44) Dimethylphthalate	14.11	163	32549	2.31	ng/ul	97
49) Acenaphthene	14.73	153	70604	5.17	ng/ul	93
53) Dibenzofuran	15.06	168	56925	2.98	ng/ul	90
58) Fluorene	15.70	166	63314	3.99	ng/ul	95
69) Phenanthrene	17.44	178	690007	25.25	ng/ul	98
71) Anthracene	17.53	178	136795	4.97	ng/ul	99
74) Carbazole	17.79	167	74557	3.01	ng/ul	94
76) Fluoranthene	19.44	202	866269	28.11	ng/ul	98
79) Pyrene	19.80	202	731684	25.31	ng/ul	96
82) Benzo(a)anthracene	21.63	228	393262	12.67	ng/ul	96
84) Chrysene	21.69	228	375152	12.64	ng/ul	96
87) Benzo(b)fluoranthene	23.82	252	421632	13.96	ng/ul	99
88) Benzo(k)fluoranthene	23.88	252	164794m	5.60	ng/ul	
90) Benzo(a)pyrene	24.68	252	290306	9.78	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.46	276	169440	4.73	ng/ul	92
92) Dibenzo(a,h)anthracene	28.51	278	46893	1.59	ng/ul	100
93) Benzo(g,h,i)perylene	29.59	276	138513m	4.66	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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